

WHAT IS CLAIMED IS:

1. A serpentine accessory-belt, aggregate, drive arrangement for an internal combustion engine, comprising:

5 a drive pulley connected to a crankshaft for rotation therewith and located at a lower central portion of the engine;

a first accessory aggregate pulley which, when seen in a vertical direction, is located above said drive pulley and, when seen in a horizontal direction, is spaced in a first direction from said drive pulley;

10 an accessory aggregate pulley set including a second accessory aggregate pulley which, when seen in a horizontal direction, is spaced in a second direction opposite to said first direction from said drive pulley; and

15 an idler/tensioning pulley set which includes an adjustable tensioning pulley and two idler pulleys which, when seen in a horizontal direction, is spaced in said second direction from said drive pulley and is located between said drive pulley and said accessory aggregate pulley set, with a serpentine belt extending from said drive pulley to said tensioning pulley and from said tensioning pulley to said first accessory aggregate pulley.

20 2. The serpentine accessory-belt, aggregate, drive arrangement according to claim 1, wherein said pulleys are mounted on a front side of the engine.

3. The serpentine accessory-belt, aggregate, drive arrangement according to claim 1, wherein said accessory aggregate pulley set has a third accessory aggregate pulley which, when seen in a horizontal direction, is located at a level of said second accessory

aggregate pulley and, when seen in a vertical direction, is located below said second accessory aggregate pulley.

4. The serpentine accessory-belt, aggregate, drive arrangement according to claim
5 3, wherein said accessory aggregate pulley set has a fourth accessory aggregate pulley which, when seen in a horizontal direction, is located at a level of said second accessory aggregate pulley and, when seen in a vertical direction, is located above said second accessory aggregate pulley.

10 5. The serpentine accessory-belt, aggregate, drive arrangement according to claim 1, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

15 6. The serpentine accessory-belt, aggregate, drive arrangement according to claim 5, wherein said serpentine belt extends from said first accessory aggregate pulley to said upper pulley, from said upper pulley to said second accessory aggregate pulley, from said second accessory aggregate pulley to said lower pulley, and from said lower pulley to said drive pulley.

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7. The serpentine accessory-belt, aggregate, drive arrangement according to claim 3, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

8. The serpentine accessory-belt, aggregate, drive arrangement according to claim 7, wherein said serpentine belt extends from said first accessory aggregate pulley to said upper pulley, from said upper pulley to said lower pulley, from said lower pulley to said second accessory aggregate pulley, from said second accessory aggregate to said third accessory aggregate pulley, and from said third accessory aggregate pulley to said drive pulley.

9. The serpentine accessory-belt, aggregate, drive arrangement according to claim 4, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

10. The serpentine accessory-belt, aggregate, drive arrangement according to claim 9, wherein said serpentine belt extends from said first accessory aggregate pulley to said upper pulley, from said upper pulley to said fourth accessory aggregate pulley, from said fourth accessory aggregate pulley to said lower pulley, from said lower pulley to said second accessory aggregate pulley, from said second accessory aggregate pulley to said third accessory aggregate pulley, and from said third accessory aggregate pulley to said drive pulley.

11. The serpentine accessory-belt, aggregate, drive arrangement according to claim 7 and 6, wherein said drive pulley, said accessory aggregate pulleys, and said upper pulley are located at the inner side of said serpentine belt, while said tensioning pulley

and said lower pulley are arranged at the outer side of said serpentine belt.

12. The serpentine accessory-belt, aggregate, drive arrangement according to claim 9, wherein said drive pulley, and said accessory aggregate pulleys are located at the inner side of said serpentine belt, while said tensioning pulley and said idler pulleys are arranged at the outer side of said serpentine belt.

13. The serpentine accessory-belt, aggregate, drive arrangement according to claim 1, the arrangement being provided on a frontal side of said engine block wherein said first direction is an exhaust side of said engine block and said second direction is an intake side of said engine block.

14. A serpentine accessory-belt, aggregate, drive arrangement of an internal combustion engine, comprising:

a drive pulley connected to a crankshaft for rotating therewith and located at a lower central position of the engine;

a first accessory aggregate pulley which, when seen in a vertical direction, is located above said drive pulley and, when seen in a horizontal direction, is spaced in a first direction from said drive pulley; and

a pulley unit including an accessory aggregate pulley set with a second accessory aggregate pulley, and including an adjustable tensioning pulley and two idler pulleys, said pulley unit being located within a corridor space which is substantially equidistant and which extends substantially vertically and which, when seen in a horizontal direction, is spaced in a second direction opposite to said first direction from

said drive pulley, wherein said tensioning pulley and said idler pulleys, when seen in a horizontal direction, are located between said accessory aggregate pulley set and said drive pulley, and wherein said serpentine belt extends from said drive pulley to said tensioning pulley and from said tensioning pulley to said first accessory aggregate pulley.

15. The serpentine accessory-belt, aggregate, drive arrangement according to claim 14, wherein said accessory aggregate pulley set has a third accessory aggregate pulley which, when seen in a horizontal direction, is located at a level of said second accessory aggregate pulley and, when seen in a vertical direction, is located below said second accessory aggregate pulley.

16. The serpentine accessory-belt, aggregate, drive arrangement according to claim 15, wherein said accessory aggregate pulley set has a fourth accessory aggregate pulley which, when seen in a horizontal direction, is located at a level of said second accessory aggregate pulley and, when seen in a vertical direction, is located above said second accessory aggregate pulley.

17. The serpentine accessory-belt, aggregate, drive arrangement according to claim 14, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

18. The serpentine accessory-belt, aggregate, drive arrangement according to claim

17, wherein said serpentine belt extends from said first accessory aggregate pulley to said upper pulley, from said upper pulley to said second accessory aggregate pulley, from said second accessory aggregate pulley to said lower pulley, and from said lower pulley to said drive pulley.

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19. The serpentine accessory-belt, aggregate, drive arrangement according to claim 15, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

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20. The serpentine accessory-belt, aggregate, drive arrangement according to claim 19, wherein said serpentine belt extends from said first accessory aggregate pulley to said upper pulley, from said upper pulley to said lower pulley, from said lower pulley to said second accessory aggregate pulley, from said second accessory aggregate pulley to said third accessory aggregate pulley, and from said third accessory aggregate pulley to said drive pulley.

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21. The serpentine accessory-belt, aggregate, drive arrangement according to claim 16, wherein said idler pulleys have an upper pulley and a lower pulley, with said tensioning pulley which, when seen in a vertical direction, is located between said two idler pulleys.

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22. The serpentine accessory-belt, aggregate, drive arrangement according to claim 21, wherein said serpentine belt extends from said first accessory aggregate pulley to

said upper pulley, from said upper pulley to said fourth accessory aggregate pulley, from said fourth accessory aggregate pulley to said lower pulley, from said lower pulley to said second accessory aggregate pulley, from said second accessory aggregate pulley to said third accessory aggregate pulley, and from said third accessory aggregate pulley to
5 said drive pulley.

23. The serpentine accessory-belt, aggregate, drive arrangement according to claim 19, wherein said drive pulley, said accessory aggregate pulleys, and said upper pulley are located at the inner side of said serpentine belt, while said tensioning pulley and said
10 lower pulley are arranged at the outer side of said serpentine belt.

24. The serpentine accessory-belt, aggregate, drive arrangement according to claim 21, wherein said drive pulley and said accessory aggregate pulleys are located at the inner side of said serpentine belt, while said tensioning pulley and said idler pulleys are
15 arranged at the outer side of said serpentine belt.

25. The serpentine accessory-belt, aggregate, drive arrangement according to claim 14, the arrangement being provided on a frontal side of said engine block wherein said first direction is an exhaust side of said engine block and said second direction is an
20 intake side of said engine block.

26. The serpentine accessory-belt, aggregate, drive arrangement according to claim 14, wherein said pulleys are mounted on a front side of the engine.